Cercon® ht / xt

The new zirconia standard for color reliability and premium esthetics

CTE (25 – 500 °C)*

ht: $10.5 \cdot 10^{-6} \cdot K^{-1}$
xt: $10.1 \cdot 10^{-6} \cdot K^{-1}$

BENDING STRENGTH*

ht: 1,200 MPa
xt: 750 MPa
**INDICATIONS**

+ **ht**: Crowns and bridges in the anterior and posterior region (max. 2 pontics) and primary telescopic crowns for ceramic veneering or as monolithic restoration

+ **xt**: Crowns and 3-unit-bridges in the anterior and posterior region (until the 2nd premolar) as monolithic restoration or for ceramic veneering

**BENEFITS**

+ True Color technology available in all 16 VITA shades
+ Premium esthetics, even with monolithic restorations
+ Exceptional translucency especially in the anterior region (Cercon® xt)

**REFERENCES**

Cercon® ht/xt frameworks can be veneered with all standard veneer ceramics for zirconia ceramics (e.g., Cercon® ceram kiss, Cercon® ceram love, Celtra® Ceram). Please follow the manufacturer's instructions. With full anatomical restorations you have the choice between individualization by means of simple polishing and/or glazing with staining.

**COMPOSITION**

<table>
<thead>
<tr>
<th></th>
<th>ht</th>
<th>xt</th>
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<tbody>
<tr>
<td>ZrO₂</td>
<td>N. l.</td>
<td>N. l.</td>
</tr>
<tr>
<td>Y₂O₃</td>
<td>5.0 %</td>
<td>9.0 %</td>
</tr>
<tr>
<td>HfO₂</td>
<td>&lt;3.0 %</td>
<td>&lt;3.0 %</td>
</tr>
<tr>
<td>Other</td>
<td>&lt;1.0 %</td>
<td>&lt;1.0 %</td>
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